Product: **FSNS6U-25**

ProSNS RG-6 Universal "F" Coax Compression Connector

### Product Description
ProSNS RG6 Universal "F" male connector, polymer compression sleeve for easy insertion & lowest possible tool compression force. Fits most RG6 standard, tri-shield, and quad-shield cables. 25 per Pack

### Technical Specifications

#### Product Overview
- Suitable Applications: CATV, Video Distribution, RF Applications

#### Physical Characteristics (Overall)
- Packaging: 25 Pack
- Number of Pieces: 1

#### Connectors

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nut</td>
<td>Nickel/Tin Plated Brass</td>
</tr>
<tr>
<td>O-Ring</td>
<td>Ethylene Propylene</td>
</tr>
<tr>
<td>Body</td>
<td>Nickel/Tin Plated Brass</td>
</tr>
<tr>
<td>Contact</td>
<td>Gold Plated</td>
</tr>
</tbody>
</table>

#### Electrical Characteristics

**Impedance**
- Nominal Characteristic Impedance: 75 Ohm

**Return Loss (RL)**
- Frequency [MHz]:
  - 2-30 dB up to 1 GHz typical
  - Electrical Characteristics Notes: Meets or exceeds SCTE specifications.

**Temperature Range**
- Operating Temp Range: -40°F (-40°C) to 140°F (60°C)

#### Mechanical Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Footprint/Type</td>
<td>Coax</td>
</tr>
<tr>
<td>Connector Interface Type</td>
<td>F</td>
</tr>
<tr>
<td>Gender</td>
<td>Male - plug</td>
</tr>
<tr>
<td>Connector Series Name</td>
<td>ProSNS</td>
</tr>
<tr>
<td>Color Band</td>
<td>Green</td>
</tr>
<tr>
<td>Locking</td>
<td>No</td>
</tr>
<tr>
<td>Tool Compatibility</td>
<td>CPLCCT-SLMR or CPSNSCT-596 (compression), PSA59/6 (strip)</td>
</tr>
<tr>
<td>Termination Type</td>
<td>Compression</td>
</tr>
</tbody>
</table>
### Cable Center Conductor Diameter Limits
- 0.0399 - 0.0418 inch

### Cable Dielectric Diameter Limits
- 0.180 - 0.193 inch

### Cable Outer Jacket Diameter Limits
- 0.265 - 0.305 inch

### Cable Insertion Force
- 20 lbf

### Standards
- **RG Type:** 6/U Type

### Applicable Environmental and Other Programs
- **Environmental Space:** Indoor/Outdoor
- **EU CE Mark:** Yes

### Suitability
- **Suitability - Indoor:** Yes
- **Suitability - Outdoor:** Yes

### Plenum/Non-Plenum
- **Plenum (Y/N):** No

### Part Number
- **FSNS6U-25**
- **Color:** No Color
- **UPC:** 845671002638

### Variants

<table>
<thead>
<tr>
<th>Item #</th>
<th>Color</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSNS6U-25</td>
<td>No Color</td>
<td>845671002638</td>
</tr>
</tbody>
</table>

### Patent
- This product has one or more applicable patents. More information on patents can be found at [https://www.belden.com/resources/patents](https://www.belden.com/resources/patents).

### Product Notes
- **Notes:** Salt Fog: Passes 1000 hours ANSI/SCTE 143 2007, RFI Shielding: -85 dB (60% bonded foil)

### History
- **Update and Revision:** Revision Number: 0.49 Revision Date: 07-09-2020

---

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS-IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.